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**Use of non-ionic cloud point modifiers to minimize nanoparticle aggregation during sterilization.**

**A composition comprising nanoparticles having a surface modifier adsorbed on the surface thereof and a non-ionic cloud point modifier associated therewith, which cloud point modifier is present in an amount sufficient to increase the cloud point of the surface modifier and methods of making such nanoparticles is described. A preferred surface modifier is a poloxamine such as Tetronic 908, and preferred non-ionic cloud point modifiers include polyethylene glycol, propylene glycol, ethanol, hydroxypropylcyclodextrin and/or glycerol.**

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## EUROPEAN SEARCH REPORT

Application Number  
EP 93 20 3046

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
E	EP-A-0 600 532 (STERLING WINTHROP INC.) 12 August 1992 * page 3, line 2 - line 29 * * claims * ---	1-11	A61K47/48 A61K9/51 A61K49/04
E	EP-A-0 601 618 (STERLING WINTHROP INC.) 15 June 1994 * claims * ---	1-11	
E	EP-A-0 602 700 (STERLING WINTHROP INC.) 22 June 1994 * page 5, line 44 - line 56; claims * ---	1-11	
E	EP-A-0 605 024 (STERLING WINTHROP INC.) 6 July 1994 * page 3 * * page 5, line 47 - line 52 * ---	1-11	
E	EP-A-0 602 702 (STERLING WINTHROP INC.) 22 June 1994 * column 2, line 14 - column 3, line 40 * ---	1-11	TECHNICAL FIELDS SEARCHED (Int.Cl.5)
A	WO-A-90 15593 (YTKMISKA INSTITUTET) 27 December 1990 * page 7, line 18 - page 9, line 14; claims * ---	1-11	A61K
X	EP-A-0 012 523 (AMERICAN HOME PRODUCTS CO.) 25 June 1980 * page 6, line 6 - line 19; claims * ---	1,2	
E	EP-A-0 577 215 (STERLING WINTHROP INC.) 5 January 1994 * page 3, line 33 - page 4, line 19; claims * ---	1	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 5 September 1995	Examiner Berte, M
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 5)
E	WO-A-94 02122 (UNIVERSITY OF NOTTINGHAM) 3 1 February 1994 * page 5, line 25 - page 6, line 6; claims * -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 5)
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 5 September 1995	Examiner Berte, M
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons a : member of the same patent family, corresponding document			